Aryabhatta National Maths Competition - 2023

Syllabus - Class 10

Time & Work

- Problem on time & work calculation

- Finding Number Of Days From One Date To Another

- Railway And Air Timings

- Time Intervals

Problem on Trains

- Train Speed Calculations

- Train & Platform Measurements

- Train Arrival & Departure calculations

HCF & LCM

- Hcf

- Lcm

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TECHNICAL SKILL DEVELOPMENT
अखिल भारतीय तांत्रिक कौशल्य विकास परिषद

- Prime Factorisation

- Hcf By Prime Factorisation

- Lcm By Prime Factorisation

- Lcm By Division Method

Problem on Simple Interest

- Calculate Interest

- Calculate Profit / Loss

- Interest Appreciation / Depreciation

Problem on Speed & Distance

- Calculate Speed & Velocity

- Calculate Speed & Distance Proportion

Problem on AGEs

- AGE Calculations

- Problems on conditional AGE calculations

- **Present & Past AGE calculations**

Problem on True Discount

- **Buying & Selling Prices Calculations**

- **Discounts in transaction calculations**

- **Profit ratio calculations**

Profit And Loss

- **Finding Selling Price**

- **Finding Cost Price**

- **Profit And Loss**